

08/815933

=&gt; fil ca,caplus

FILE 'CA' ENTERED AT 12:51:35 ON 21 JAN 1998  
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FILE 'CAPLUS' ENTERED AT 12:51:35 ON 21 JAN 1998  
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=&gt; d que

L1 2686 SEA (ENDOTHEL?(W) CELL# OR EC(S) ENDOTHEL?)(S) ANTIBOD?  
L2 31 SEA L1(S) ((CANCER? OR CARCIN? OR TUMOR# OR TUMOUR# OR NEO  
PLAS?)(5A) (TREAT? OR THERAP?))

=&gt; dup rem l2

PROCESSING COMPLETED FOR L2  
L3 16 DUP REM L2 (15 DUPLICATES REMOVED)

=&gt; d 1-16 .beverly

L3 ANSWER 1 OF 16 CAPLUS COPYRIGHT 1998 ACS  
AN 1997:792551 CAPLUS  
TI Loss of ovarian function promotes angiogenesis in human ovarian carcinoma  
SO Proc. Natl. Acad. Sci. U. S. A. (1997), 94(24), 13203-13208  
CODEN: PNASA6; ISSN: 0027-8424  
AU Schiffenbauer, Yael S.; Abramovitch, Rinat; Meir, Gila; Nevo, Nava; Holzinger, Michael; Itin, Ahuva; Keshet, Eli; Neeman, Michal  
PY 1997  
AB We show here that elevated levels of gonadotropins (LH and FSH), as found in menopause or after ovariectomy, promote growth of human ovarian carcinoma by induction of tumor angiogenesis. Human epithelial ovarian cancer tumors progressed faster in ovariectomized mice. This induced growth could be attributed to the elevated levels of gonadotropins assocd. with loss of ovarian function because direct administration of gonadotropins also was effective in promoting tumor progression in vivo. On the other hand, gonadotropins had no direct effect on the proliferation of human ovarian cancer cells in vitro. Using MRI, we demonstrated that ovariectomy significantly ( $P < 0.02$ ) induces neovascularization of human ovarian carcinoma spheroids implanted in nude mice. Moreover, conditioned medium of gonadotropin-treated human ovarian carcinoma cells showed increased mitogenic activity to

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leukocytes. Nevertheless, their lymphocytes, unlike their phagocytes, emigrate to extravascular sites of inflammation, demonstrating that surface proteins other than CD11/CD18 can mediate lymphocyte adherence to endothelium. Using a B-lymphoblastoid cell line (B-LCL) established from a CD11/CD18-deficient patient and cultured human umbilical vein endothelial cells (HEC), the CD11/CD18-independent mechanism(s) of lymphocyte adherence to endothelium were investigated. Monoclonal **antibodies** directed to the .alpha.4 polypeptide (CD49d) and the .beta.1 polypeptide (CD29) of the lymphocyte VLA-4 integrin receptor (CD49d/CD29), and to vascular cell adhesion mol.-1 (VCAM-1) on the **endothelial cell** significantly inhibited the adherence of the CD11/CD18-deficient B-LCL to untreated HEC and to HEC **treated** with recombinant human **tumor** necrosis factor-.alpha.. Thus, the interaction of the lymphocyte receptor VLA-4 with the endothelial ligand VCAM-1 induced by cytokines at sites of inflammation or immune reaction represents a CD11/ CD18-independent pathway of lymphocyte emigration.

=> d his l4- ful; dup rem l11

(FILE 'BIOSIS, MEDLINE, EMBASE, LIFESCI, BIOTECHDS, WPIDS, CONFSCI, DISSABS, SCISEARCH, JICST-EPLUS, PROMT, TOXLIT, TOXLINE, CANCERLIT' ENTERED AT 12:52:31 ON 21 JAN 1998)

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L4          612 SEA ABB=ON  PLU=ON  L2
L5          222 DUP REM L4 (390 DUPLICATES REMOVED)
L6          94 SEA ABB=ON  PLU=ON  L5(S) (DIRECT? OR TARGET?)
L7          5811 SEA ABB=ON  PLU=ON  ((ENDOTHEL?(W) CELL# OR EC(S) ENDOTHE
          L?)(S) ANTIBOD?)(S) (TARGET## OR DIRECT##)
L8          97597 SEA ABB=ON  PLU=ON  ANTIBOD?(5A) (DIRECT## OR TARGET##)
L9          313 SEA ABB=ON  PLU=ON  L8(5A) (ENDOTHEL?(W) CELL# OR EC(3A)
          ENDOTHEL?)
L10         0 SEA ABB=ON  PLU=ON  LL9(S) ((CANCER? OR CARCIN? OR TUMOR#
          OR TUMOUR# OR NEOPLAS?)(5A) (TREAT? OR THERAP?))
L11        26 SEA ABB=ON  PLU=ON  L9(S) ((CANCER? OR CARCIN? OR TUMOR#
          OR TUMOUR# OR NEOPLAS?)(5A) (TREAT? OR THERAP?))

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L12 9 DUP REM L11 (17 DUPLICATES REMOVED)

=> d 1-9 bib abs; fil uspat

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=> fil medl

FILE 'MEDLINE' ENTERED AT 14:23:43 ON 21 JAN 1998

FILE LAST UPDATED: 16 JAN 1998 (19980116/UP). FILE COVERS 1966 TO DATE.  
+QLF/CT SHOWS YOU THE ALLOWABLE QUALIFIERS OF A TERM.

MEDLINE IS RESUMING UPDATES. NOTICE WILL BE GIVEN ONCE THE RELOAD  
IS COMPLETED AND RELOAD DETAILS WILL BE FOUND IN HELP RLOAD.

THIS FILE CONTAINS CAS REGISTRY NUMBERS FOR EASY AND ACCURATE  
SUBSTANCE IDENTIFICATION.

=> d que

L18 4289 SEA FILE=MEDLINE ABB=ON PLU=ON CELLS/CT  
L19 50763 SEA FILE=MEDLINE ABB=ON PLU=ON ANTIBODIES/CT  
L20 26 SEA FILE=MEDLINE ABB=ON PLU=ON L18 AND L19  
L21 4 SEA FILE=MEDLINE ABB=ON PLU=ON L20 AND C4./CT

=> d 1-4 .beverlymed

↑ neoplasm

L21 ANSWER 1 OF 4 MEDLINE  
AN 87310189 MEDLINE  
TI Immunolectron microscopy and the molecular ultrastructure of cells.  
AU Singer S J; Tokuyasu K T; Keller G A; Takata K; Dutton A H  
SO JOURNAL OF ELECTRON MICROSCOPY, (1987) 36 (3) 63-71.  
Journal code: IOV. ISSN: 0022-0744.

L21 ANSWER 2 OF 4 MEDLINE  
AN 84195076 MEDLINE  
TI Histochemical characteristics and significance of cell receptors in  
biology and pathology.  
AU Stumpf W E  
SO ACTA HISTOCHEMICA. SUPPLEMENTBAND, (1984) 29 23-33. Ref: 46  
Journal code: QU1. ISSN: 0567-7556.

L21 ANSWER 3 OF 4 MEDLINE  
AN 82106264 MEDLINE  
TI Physiological implications of the presence, distribution, and  
regulation of calmodulin in eukaryotic cells.  
AU Means A R; Tash J S; Chafouleas J G  
SO PHYSIOLOGICAL REVIEWS, (1982 Jan) 62 (1) 1-39. Ref: 228  
Journal code: P7M. ISSN: 0031-9333.

L21 ANSWER 4 OF 4 MEDLINE  
AN 72030532 MEDLINE

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TI Spontaneous release of cytotoxic alloantibody from viable cells sensitized in excess antibody.  
AU Chang S; Stockert E; Boyse E A; Hammerling U; Old L J  
SO IMMUNOLOGY, (1971 Nov) 21 (5) 829-38.  
Journal code: GH7. ISSN: 0019-2805.

=> d his l22- ful; d 1-11 bib abs; fil hom

(FILE 'BIOSIS, MEDLINE, EMBASE, LIFESCI, BIOTECHDS, WPIDS, CONFSCI, DISSABS, SCISEARCH, JICST-EPLUS, PROMT, TOXLIT, TOXLINE, CANCERLIT' ENTERED AT 14:26:49 ON 21 JAN 1998)

L22 4447 SEA ABB=ON PLU=ON ANTIBOD?(5A)(ENDOTHEL?(W) CELL# OR EC (3A) ENDOTHEL?)  
L23 25 SEA ABB=ON PLU=ON L22(10A)((CANCER? OR CARCIN? OR TUMOR# OR TUMOUR# OR NEOPLAS?) (5A)(TREAT? OR THERAP?))  
L24 24 SEA ABB=ON PLU=ON L23 NOT L11  
L25 11 DUP REM L24 (13 DUPLICATES REMOVED)

L25 ANSWER 1 OF 11 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD  
AN 97-434333 [40] WPIDS  
CR 93-303150 [38]  
DNC C97-139239  
TI Anti-tumour endothelial cell monoclonal antibody - specific for tumour vasculature associated antigen endoglin, useful for diagnosis and therapy.  
DC B04 D16  
IN BURROWS, F J; THORPE, P E  
PA (TEXA) UNIV TEXAS SYSTEM  
CYC 1  
PI US 5660827 A 970826 (9740)\* 81 pp  
ADT US 5660827 A CIP of US 92-846349 920305, CIP of US 94-205330 940302, CIP of US 94-295868 940906, Div ex US 94-350212 941205, US 95-457229 950601  
PRAI US 94-350212 941205; US 92-846349 920305; US 94-205330 940302; US 94-295868 940906; US 95-457229 950601  
AN 97-434333 [40] WPIDS  
CR 93-303150 [38]  
AB US 5660827 A UPAB: 971006  
Purified antibody (Ab) that binds the same epitope as the tumour  
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